

**REMARKS**

Enclosed herewith in full compliance with 37 C.F.R. §§1.821-1.825 is a Substitute Sequence Listing to be inserted into the specification as indicated above. The Substitute Sequence Listing in no way introduces new matter into the specification. Also submitted herewith in full compliance with 37 C.F.R. §§1.821-1.825 is a disk copy of the Substitute Sequence Listing. The disk copy of the Sequence Listing, file “2005-09-21 3691-0114PUS1.ST25.txt”, is identical to the paper copy, except that it lacks formatting.

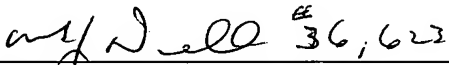
The specification and claims are amended to reference each amino acid and nucleotide sequence with a corresponding SEQ ID NO. The Sequence Listing is amended to identify the present application by filing date and serial number and to correct minor formatting errors. No new matter is introduced by these amendments.

The present claims are amended to remove multiple dependencies to reduce fees for excess claims.

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 02-2448 for any additional fees required under 37 C.F.R. § 1.16 or under 37 C.F.R. § 1.17; particularly, extension of time fees.

Respectfully submitted,

BIRCH, STEWART, KOLASCH & BIRCH, LLP

By  36,623  
Gerald M. Murphy, Jr., #28,977

GMM/CAM/psq  
3691-0114PUS1

P.O. Box 747  
Falls Church, VA 22040-0747  
(703) 205-8000

Attachments:

Disk Copy of Sequence Listing  
Paper Copy of Sequence Listing  
Copy of Notice